



Published on *SWOT Analysis* (<https://www.swotanalysis.info>)

Home > World Wave Spring Market Research Report 2023(Covering USA, EU, China, South East Asia, Japan and etc)

World Wave Spring Market Research Report 2023(Covering USA, EU, China, South East Asia, Japan and etc)

Publication ID:

ICRW0718096

Publication Date:

July 03, 2018

Pages:

110

Publisher:

ICRW

Region:

Global [1]

\$2,960.00

Publication License Type *

Single User License (PDF), \$2,960.00

Global License (PDF), \$3,800.00

Please choose the suitable license type from above. More details are at given under tab "Report License Types" below.

Add to cart



Description:

Summary

These special springs, which are usually made from flat but also from round material, have an extremely compact design compared to traditional compression springs due the special sine wave design with tangential contact.

Wave springs - also called Sine Springs or Wave Washers- can be manufactured from a wide variety of materials and are outstanding for use in applications with tight radial and axial tolerances, in static or slightly dynamic applications.

The main advantage is the reduction of operating height by up to 60%. Wave Springs also improve considerably the axial movement tolerances and achieves almost uniform force transmission.

Wave Spring market research report provides the newest industry data and industry future trends, allowing you to identify the products and end users driving Revenue growth and profitability.

The industry report lists the leading competitors and provides the insights strategic industry Analysis of the key factors influencing the market.

The report includes the forecasts, Analysis and discussion of important industry trends, market size, market share estimates and profiles of the leading industry Players.

Global Wave Spring Market: Product Segment Analysis

Crest-to-Crest Wave Spring

Circular-Grain Shim

Single Turn Wave Springs

Springs - Round Wire Wave Springs

Nested Wave Springs

others

Global Wave Spring Market: Application Segment Analysis

Aerospace Industry

Automotive Industry

Medical Industry

Off-Highway Industry

Oil & Gas Industry

Global Wave Spring Market: Regional Segment Analysis

USA

Europe

Japan

China

India

South East Asia

The Players mentioned in our report

Smalley

Borrelly

Associated Spring

Scherdel

Baumann Springs
Tru Wave
Rohit Springforms
European Springs & Pressings
NHK Spring
Lee Spring
Nippon Stainless Spring
Boker's
Tech Spring
Ningbo Vulcan Mechanical Seals
Sunzo Spring
Jiuguang
Trisunltd
Arbort
Micseal
Tianshi
Wavespring

Table Of Contents:

Table of Content

Chapter 1 About the Wave Spring Industry

1.1 Industry Definition

1.1.1 Types of Wave Spring industry

1.1.1.1 Crest-to-Crest Wave Spring

1.1.1.2 Circular-Grain Shim

1.1.1.3 Single Turn Wave Springs

1.1.1.4 Springs - Round Wire Wave Springs

1.1.1.5 Nested Wave Springs

1.1.1.6 others

1.2 Main Market Activities

1.3 Similar Industries

1.4 Industry at a Glance

Chapter 2 World Market Competition Landscape

2.1 Wave Spring Markets by Regions

2.1.1 USA

Market Revenue (M USD) and Growth Rate 2013-2018

Market Sales and Growth Rate 2013-2018

Major Players Revenue (M USD) in 2018

2.1.2 Europe

Market Revenue (M USD) and Growth Rate 2013-2018

Market Sales and Growth Rate 2013-2018

Major Players Revenue (M USD) in 2018

2.1.3 China

Market Revenue (M USD) and Growth Rate 2013-2018

Market Sales and Growth Rate 2013-2018

Major Players Revenue (M USD) in 2018

2.1.4 India

Market Revenue (M USD) and Growth Rate 2013-2018

Market Sales and Growth Rate 2013-2018

Major Players Revenue (M USD) in 2018

2.1.5 Japan

Market Revenue (M USD) and Growth Rate 2013-2018

Market Sales and Growth Rate 2013-2018

Major Players Revenue (M USD) in 2018

2.1.6 South East Asia

Market Revenue (M USD) and Growth Rate 2013-2018

Market Sales and Growth Rate 2013-2018

Major Players Revenue (M USD) in 2018

2.2 World Wave Spring Market by Types

Crest-to-Crest Wave Spring

Circular-Grain Shim

Single Turn Wave Springs

Springs - Round Wire Wave Springs

Nested Wave Springs

others

2.3 World Wave Spring Market by Applications

Aerospace Industry

Automotive Industry

Medical Industry

Off-Highway Industry

Oil & Gas Industry

2.4 World Wave Spring Market Analysis

2.4.1 World Wave Spring Market Revenue and Growth Rate 2013-2018

2.4.2 World Wave Spring Market Consumption and Growth rate 2013-2018

2.4.3 World Wave Spring Market Price Analysis 2013-2018

Chapter 3 World Wave Spring Market share

3.1 Major Production Market share by Players

3.2 Major Revenue (M USD) Market share by Players

3.3 Major Production Market share by Regions in 2018, Through 2023

3.4 Major Revenue (M USD) Market share By Regions in 2018, Through 2023

Chapter 4 Supply Chain Analysis

4.1 Industry Supply chain Analysis

4.2 Raw material Market Analysis

4.2.1 Raw material Prices Analysis 2012-2018

4.2.2 Raw material Supply Market Analysis

4.2 Manufacturing Equipment Suppliers Analysis

4.3 Production Process Analysis

4.4 Production Cost Structure Benchmarks

4.5 End users Market Analysis

Chapter 5 Company Profiles

5.1 Smalley

5.1.1 Company Details (Foundation Year, Employee Strength and etc)

5.1.2 Product Information (Picture, Specifications and Applications)

5.1.3 Revenue (M USD), Price and Operating Profits

5.2 Borrelly

5.2.1 Company Details (Foundation Year, Employee Strength and etc)

5.2.2 Product Information (Picture, Specifications and Applications)

5.2.3 Revenue (M USD), Price and Operating Profits

5.3 Associated Spring

5.3.1 Company Details (Foundation Year, Employee Strength and etc)

5.3.2 Product Information (Picture, Specifications and Applications)

5.3.3 Revenue (M USD), Price and Operating Profits

5.4 Scherdel

5.4.1 Company Details (Foundation Year, Employee Strength and etc)

5.4.2 Product Information (Picture, Specifications and Applications)

5.4.3 Revenue (M USD), Price and Operating Profits

5.5 Baumann Springs

5.5.1 Company Details (Foundation Year, Employee Strength and etc)

5.5.2 Product Information (Picture, Specifications and Applications)

5.5.3 Revenue (M USD), Price and Operating Profits

5.6 Tru Wave

5.6.1 Company Details (Foundation Year, Employee Strength and etc)

5.6.2 Product Information (Picture, Specifications and Applications)

5.6.3 Revenue (M USD), Price and Operating Profits

5.7 Rohit Springforms

5.7.1 Company Details (Foundation Year, Employee Strength and etc)

5.7.2 Product Information (Picture, Specifications and Applications)

- 5.7.3 Revenue (M USD), Price and Operating Profits
- 5.8 European Springs & Pressings
 - 5.8.1 Company Details (Foundation Year, Employee Strength and etc)
 - 5.8.2 Product Information (Picture, Specifications and Applications)
 - 5.8.3 Revenue (M USD), Price and Operating Profits
- 5.9 NHK Spring
 - 5.9.1 Company Details (Foundation Year, Employee Strength and etc)
 - 5.9.2 Product Information (Picture, Specifications and Applications)
 - 5.9.3 Revenue (M USD), Price and Operating Profits
- 5.10 Lee Spring
 - 5.10.1 Company Details (Foundation Year, Employee Strength and etc)
 - 5.10.2 Product Information (Picture, Specifications and Applications)
 - 5.10.3 Revenue (M USD), Price and Operating Profits
- 5.11 Nippon Stainless Spring
 - 5.11.1 Company Details (Foundation Year, Employee Strength and etc)
 - 5.11.2 Product Information (Picture, Specifications and Applications)
 - 5.11.3 Revenue (M USD), Price and Operating Profits
- 5.12 Boker's
 - 5.12.1 Company Details (Foundation Year, Employee Strength and etc)
 - 5.12.2 Product Information (Picture, Specifications and Applications)
 - 5.12.3 Revenue (M USD), Price and Operating Profits
- 5.13 Tech Spring
 - 5.13.1 Company Details (Foundation Year, Employee Strength and etc)
 - 5.13.2 Product Information (Picture, Specifications and Applications)
 - 5.13.3 Revenue (M USD), Price and Operating Profits
- 5.14 Ningbo Vulcan Mechanical Seals
 - 5.14.1 Company Details (Foundation Year, Employee Strength and etc)
 - 5.14.2 Product Information (Picture, Specifications and Applications)
 - 5.14.3 Revenue (M USD), Price and Operating Profits
- 5.15 Sunzo Spring
 - 5.15.1 Company Details (Foundation Year, Employee Strength and etc)
 - 5.15.2 Product Information (Picture, Specifications and Applications)
 - 5.15.3 Revenue (M USD), Price and Operating Profits
- 5.16 Jiuguang
 - 5.16.1 Company Details (Foundation Year, Employee Strength and etc)
 - 5.16.2 Product Information (Picture, Specifications and Applications)
 - 5.16.3 Revenue (M USD), Price and Operating Profits
- 5.17 Trisunltd
 - 5.17.1 Company Details (Foundation Year, Employee Strength and etc)
 - 5.17.2 Product Information (Picture, Specifications and Applications)

5.17.3 Revenue (M USD), Price and Operating Profits

5.18 Arbort

5.18.1 Company Details (Foundation Year, Employee Strength and etc)

5.18.2 Product Information (Picture, Specifications and Applications)

5.18.3 Revenue (M USD), Price and Operating Profits

5.19 Micseal

5.19.1 Company Details (Foundation Year, Employee Strength and etc)

5.19.2 Product Information (Picture, Specifications and Applications)

5.19.3 Revenue (M USD), Price and Operating Profits

5.20 Tianshi

5.20.1 Company Details (Foundation Year, Employee Strength and etc)

5.20.2 Product Information (Picture, Specifications and Applications)

5.20.3 Revenue (M USD), Price and Operating Profits

5.21 Wavespring

5.21.1 Company Details (Foundation Year, Employee Strength and etc)

5.21.2 Product Information (Picture, Specifications and Applications)

5.21.3 Revenue (M USD), Price and Operating Profits

Chapter 6 Globalisation & Trade

6.1 Business Locations

6.2 Supply channels

6.3 Marketing strategy

6.4 Barriers to Entry

Chapter 7 Distributors and Customers

7.1 Major Distributors and contact information by Regions

7.2 Major Customers and contact information by Regions

Chapter 8 Import, Export, Consumption and Consumption Value by Major Countries

8.1 USA

8.2 Germany

8.3 China

8.4 Japan

8.5 India

8.6 South East Asia

Chapter 9 World Wave Spring Market Forecast through 2023

9.1 World Wave Spring Demand by Regions Forecast through 2023

9.2 World Wave Spring Price(by Regions, Types, Applications)Analysis Forecast through 2023

9.3 World Wave Spring Revenue (M USD)(by Regions, Types, Applications) Forecast through 2023

9.4 World Wave Spring Market Analysis

9.4.1 World Wave Spring Market Revenue and Growth Rate 2013-2018

9.4.2 World Wave Spring Market Consumption and Growth rate 2013-2018

9.4.3 World Wave Spring Market Price Analysis 2013-2018

Chapter 10 Key success factors and Market Overview

Tables and figures

Table Main Market Activities by Regions

Table Market Revenue (M USD) and Growth Rate 2013-2018

Table Major Players Revenue (M USD) in 2018

Table Market Revenue (M USD) and Growth Rate 2013-2018

Table Major Players Revenue (M USD) in 2018

Table Market Revenue (M USD) and Growth Rate 2013-2018

Table Major Players Revenue (M USD) in 2018

Table Market Revenue (M USD) and Growth Rate 2013-2018

Table Major Players Revenue (M USD) in 2018

Table Market Revenue (M USD) and Growth Rate 2013-2018

Table Major Players Revenue (M USD) in 2018

Table Major Production Market share by Players 2015

Table Major Revenue (M USD) Market share by Players 2015

Table Production Market share by Major Regions in 2018-2018

Table Production Market share by Major Regions in 2017-2023

Table Revenue (M USD) Market share by Regions in 2018-2018

Table Revenue (M USD) Market share by Regions in 2017-2023

Table Industry Supply chain Analysis

Table Raw material Prices Analysis 2012-2018

Table Raw material Suppliers Market Analysis

Table Manufacturing Equipment Suppliers Analysis

Figure Production Process Analysis

Figure Production Cost Structure

Table major End Users by Regions

Table Smalley Information List

Figure Wave SpringWave Spring Picture, Specifications and Applications of Smalley

Table Wave Spring Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD) and Profits Margin of Smalley 2015

Figure Wave Spring Sales Volume and World Market Share of Smalley 2015

Table Borrelly Information List

Figure Wave Spring Picture, Specifications and Applications of Borrelly

Table Wave Spring Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD) and Profits Margin of Borrelly 2015

Figure Wave Spring Sales Volume and World Market Share of Borrelly 2015

Table Associated Spring Information List

Figure Wave Spring Picture, Specifications and Applications of Associated Spring

Table Wave Spring Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD) and Profits Margin of Associated Spring 2015

Figure Wave Spring Sales Volume and World Market Share of Associated Spring 2015

Table Scherdel Information List

Figure Wave Spring Picture, Specifications and Applications of Scherdel

Table Wave Spring Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD) and Profits Margin of Scherdel 2015

Figure Wave Spring Sales Volume and World Market Share of Scherdel 2015

Table Baumann Springs Information List

Figure Wave Spring Picture, Specifications and Applications of Baumann Springs

Table Wave Spring Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD) and Profits Margin of Baumann Springs 2015

Figure Wave Spring Sales Volume and World Market Share of Baumann Springs 2015

Table Tru Wave Information List

Figure Wave Spring Picture, Specifications and Applications of Tru Wave

Table Wave Spring Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD) and Profits Margin of Tru Wave 2015

Figure Wave Spring Sales Volume and World Market Share of Tru Wave 2015

Table Rohit Springforms Information List

Figure Wave Spring Picture, Specifications and Applications of Rohit Springforms

Table Wave Spring Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD) and Profits Margin of Rohit Springforms 2015

Figure Wave Spring Sales Volume and World Market Share of Rohit Springforms 2015

Table European Springs & Pressings Information List

Figure Wave Spring Picture, Specifications and Applications of European Springs & Pressings

Table Wave Spring Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD) and Profits Margin of European Springs & Pressings 2015

Figure Wave Spring Sales Volume and World Market Share of European Springs & Pressings 2015

Table NHK Spring Information List

Figure Wave Spring Picture, Specifications and Applications of NHK Spring

Table Wave Spring Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD) and Profits Margin of NHK Spring 2015

Figure Wave Spring Sales Volume and World Market Share of NHK Spring 2015

Table Lee Spring Information List

Figure Wave Spring Picture, Specifications and Applications of Lee Spring

Table Wave Spring Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD) and Profits Margin of Lee Spring 2015

Figure Wave Spring Sales Volume and World Market Share of Lee Spring 2015

Table Nippon Stainless Spring Information List

Figure Wave Spring Picture, Specifications and Applications of Nippon Stainless Spring
Table Wave Spring Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD) and Profits Margin of Nippon Stainless Spring 2015
Figure Wave Spring Sales Volume and World Market Share of Nippon Stainless Spring 2015
Table Boker's Information List
Figure Wave Spring Picture, Specifications and Applications of Boker's
Table Wave Spring Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD) and Profits Margin of Boker's 2015
Figure Wave Spring Sales Volume and World Market Share of Boker's 2015
Table Tech Spring Information List
Figure Wave Spring Picture, Specifications and Applications of Tech Spring
Table Wave Spring Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD) and Profits Margin of Tech Spring 2015
Figure Wave Spring Sales Volume and World Market Share of Tech Spring 2015
Table Ningbo Vulcan Mechanical Seals Information List
Figure Wave Spring Picture, Specifications and Applications of Ningbo Vulcan Mechanical Seals
Table Wave Spring Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD) and Profits Margin of Ningbo Vulcan Mechanical Seals 2015
Figure Wave Spring Sales Volume and World Market Share of Ningbo Vulcan Mechanical Seals 2015
Table Sunzo Spring Information List
Figure Wave Spring Picture, Specifications and Applications of Sunzo Spring
Table Wave Spring Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD) and Profits Margin of Sunzo Spring 2015
Figure Wave Spring Sales Volume and World Market Share of Sunzo Spring 2015
Table Jiuguang Information List
Figure Wave Spring Picture, Specifications and Applications of Jiuguang
Table Wave Spring Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD) and Profits Margin of Jiuguang 2015
Figure Wave Spring Sales Volume and World Market Share of Jiuguang 2015
Table Trisunltd Information List
Figure Wave Spring Picture, Specifications and Applications of Trisunltd
Table Wave Spring Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD) and Profits Margin of Trisunltd 2015
Figure Wave Spring Sales Volume and World Market Share of Trisunltd 2015
Table Arbort Information List
Figure Wave Spring Picture, Specifications and Applications of Arbort
Table Wave Spring Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD) and Profits Margin of Arbort 2015
Figure Wave Spring Sales Volume and World Market Share of Arbort 2015
Table Micseal Information List

Figure Wave Spring Picture, Specifications and Applications of Micseal
Table Wave Spring Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD) and Profits Margin of Micseal 2015
Figure Wave Spring Sales Volume and World Market Share of Micseal 2015
Table Tianshi Information List
Figure Wave Spring Picture, Specifications and Applications of Tianshi
Table Wave Spring Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD) and Profits Margin of Tianshi 2015
Figure Wave Spring Sales Volume and World Market Share of Tianshi 2015
Table Wavespring Information List
Figure Wave Spring Picture, Specifications and Applications of Wavespring
Table Wave Spring Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD) and Profits Margin of Wavespring 2015
Figure Wave Spring Sales Volume and World Market Share of Wavespring 2015
Table Business Locations
Figure Supply channels
Figure Marketing strategy
Table Barriers Analysis to Entry
Table Major Distributors and contact information by Regions
Table Major Customers and contact information by Regions
Table USA Supply, Import, Export, Consumption and Consumption Value(M USD)
Table Germany Supply, Import, Export, Consumption and Consumption Value(M USD)
Table China Supply, Import, Export, Consumption and Consumption Value(M USD)
Table Japan Supply, Import, Export, Consumption and Consumption Value(M USD)
Table India Supply, Import, Export, Consumption and Consumption Value(M USD)
Table South East Asia Supply, Import, Export, Consumption and Consumption Value(M USD)
Table World Demand by Regions Forecast Analysis of Wave Spring (2018-2023)
Table World Price by Regions Forecast Analysis of Wave Spring (2018-2023)
Table World Price by Types Forecast Analysis of Wave Spring (2018-2023)
Table World Price by Applications Forecast Analysis of Wave Spring (2018-2023)
Table World Revenue (M USD) by Regions Forecast Analysis of Wave Spring (2018-2023)
Table World Revenue (M USD) by Types Forecast Analysis of Wave Spring (2018-2023)
Table World Revenue (M USD) by Applications Forecast Analysis of Wave Spring (2018-2023)

License Types:

Single User License (PDF)

- This license allows for use of a publication by one person.
- This person may print out a single copy of the publication.
- This person can include information given in the publication in presentations and internal reports by

providing full copyright credit to the publisher.

- This person cannot share the publication (or any information contained therein) with any other person or persons.
- Unless a Enterprise License is purchased, a Single User License must be purchased for every person that wishes to use the publication within the same organization.
- Customers who infringe these license terms are liable for a Global license fee.

Site License (PDF)*

- This license allows for use of a publication by all users within one corporate location, e.g. a regional office.
- These users may print out a single copy of the publication.
- These users can include information given in the publication in presentations and internal reports by providing full copyright credit to the publisher.
- These users cannot share the publication (or any information contained therein) with any other person or persons outside the corporate location for which the publication is purchased.
- Unless a Enterprise License is purchased, a Site User License must be purchased for every corporate location by an organization that wishes to use the publication within the same organization.
- Customers who infringe these license terms are liable for a Global license fee.

Global License (PDF)*

- This license allows for use of a publication by unlimited users within the purchasing organization e.g. all employees of a single company.
- Each of these people may use the publication on any computer, and may print out the report, but may not share the publication (or any information contained therein) with any other person or persons outside of the organization.
- These employees of purchasing organization can include information given in the publication in presentations and internal reports by providing full copyright credit to the publisher.

*If Applicable.

No. 1101, Golden Square, 3rd Floor,
24th Main, J P Nagar, 1st Phase,
Bangalore, Karnataka, India- 560078

India: +91-8762746600

info@domain.com

-->

NAVIGATE

[About Us](#)

[Reports by Region](#)

[FAQ](#)

[Privacy Policy](#)

[TERMS & CONDITIONS](#)

[CONTACT](#)

RECENT POSTS

[What is SWOT Analysis?](#)

March 12

[How to use market research to bring your idea to life?](#)

March 11

[How to gain business insights using syndicated market research?](#)

March 10

Source URL:<https://www.swotanalysis.info/icrw/world-wave-spring-market-research-report-2023covering-usa-eu-china-south-east-asia-japan-and>

Links

[1] <https://www.swotanalysis.info/region/global>